Amendments to the Claims:

1-2.   (Cancelled)

3.   (Currently Amended) A method comprising:

enabling a user to specify to a server on the internet an apparatus to be controlled by a control device which has a touch screen GUI, the server on the internet including a database of ~~control codes~~ code sets;

5   enabling the server on the internet to identify a one of the ~~control codes~~ code sets corresponding to the specified apparatus to be provided as data in a mark-up language format;

providing the identified ~~control~~ code set over the internet to a home network, the ~~control~~ mark-up language format code ~~being~~ set including a control code

10   representative of a command to control a state of the specified apparatus and a GUI panel corresponding to the specified apparatus;

the control code not being usable by the specified apparatus until the control code is converted into the command and transmitted to the apparatus by an IR or RF transmission independent of the internet, wherein the apparatus is not pre-

15   configured to deliver or cause delivery of its respective control code to the control device;

enabling the control device to convert the control code into an associated command;

enabling the control device to display the GUI panel corresponding to

20   the specified apparatus on the touch screen GUI; and

using the displayed touch screen GUI to enable ~~enabling~~ the control device to send the command to the specified apparatus via the IR or RF transmission.

4.   (Previously Presented) The method of claim 3, wherein the control code comprises part of an EPG or ECG

5.   (Cancelled)

6.   (Currently Amended) The method of claim [[5]] 3, wherein the GUI ~~element~~ panel displayed on the touch screen GUI comprises a graphical representation of a remote control device corresponding to the specified apparatus.

7.   (Cancelled)

8-13.   (Cancelled)

14.   (Currently Amended) A remote control device, comprising;

the device being configured for receiving a ~~control~~ code set from a source over a bidirectional data network, the ~~control~~ code set comprising data in a language format, the control set including a control code ~~being~~ representative of [[a]] commands for an apparatus and a GUI element for the apparatus;

a display panel;

the remote control device being configured to convert the GUI element into a graphical representation on the display panel depicting a remote control for the apparatus for selecting at least one of the commands for the apparatus;

the remote control device being configured to convert the control code from a form that is not usable on the apparatus to be controlled into a command that is usable by the apparatus to change a state of the apparatus; and

a transmitter ~~providing the converted control code via~~ converting the at least one selected command into an IR or RF signal ~~over a network, which is independent of the bidirectional data network command for the control code, wherein the apparatus is not pre-configured to deliver or cause delivery of its respective control code to the remote control device~~ which is transmitted to control the apparatus.

15.   (Previously Presented) A data base, comprising:

control codes for controlling apparatuses through remote control devices, the control codes representative of commands suitable for by the remote control devices to the apparatuses over an IR or RF network and being formatted in a mark-up language, the database being in communication over a bidirectional data

network with a plurality home network systems each of which comprises at least a remote control device, the control codes being deliverable to the remote control devices independent of the controlled apparatuses.

16.   (Previously Presented) A control code stored on a machine readable medium for control of CE equipment and for being supplied in an XML format, the control code representing an IR or RF signal for transmission by a remote control device to the CE equipment.

17.   (Currently Amended) A method comprising:

enabling each of a plurality of users to specify to a server, over a bidirectional data network, [[an]] a user specified apparatus for being controlled by the a control device of a user; and

5   enabling the server to identify [[a]] control codes included in data in a mark-up language format, the control codes being representative of [[a]] control codes for controlling the user specified apparatus; and

enabling the server to communicate over the bidirectional data network with a home network that comprises [[a]] the user's control device for delivery of the

10   control codes to the control device, wherein the control codes are [[is]] not directly usable by the specified apparatus until conversion of the control codes by the home network into [[a]] commands that can be sent by the control device to the specified apparatus independent of the bidirectional network.

18.   (Previously Presented) A method, comprising:

providing control codes in a mark-up language format to a home network comprising a control device for installation on the control device, a first set of control codes being part of an EPG or ECG, and a second set of control codes

5   representing commands suitable for transmission by the control device over an IR or RF network to a CE equipment to control the state of the CE equipment, the control codes being provided from a database over a bidirectional data network to the home network, wherein the equipment is not pre-configured to deliver or cause delivery of its respective control code to the control device.

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19.   (Cancelled)

20.   (Previously Presented) The method of claim 14, wherein the language format includes a mark-up language.

21.   (Previously Presented) The method of claim 14, wherein the bidirectional network includes the internet and the source is located on the internet and remote from the apparatus and the network.

22.   (Previously Presented) The database of claim 15, wherein the bidirectional network includes the internet, the plurality of home networks each being connected with the internet to receive control codes requested from the database over the internet.

23.   (Currently Amended) The method of claim 17, wherein the ~~control code is a~~ the mark-up language format data is in XML format.

24.   (Previously Presented) The method of claim 17, wherein the bidirectional network includes the internet, the user specifying the apparatus to be controlled over the internet to the server, which server is remote from and not a part of the home network or the specified apparatus, and the control code is sent via the internet to the home network to the controlled device.

25.   (Previously Presented) The method of claim 18, wherein the database is remote from and not a part of the home network and not a part of the CE equipment.

26.   (Previously Presented) The method of claim 25, wherein the bidirectional network includes the internet, the control codes being sent over the internet from the database to the home network.

27.   (New)   The remote control device of claim 14, wherein the display panel includes a touch screen and the graphical representation includes control keys of the apparatus remote control, the remote control device being configured such that touching a control key of the graphic representation causes a
5   corresponding one of the commands to be selected and the transmitter to transmit the IR or RF signal corresponding to the selected command.

28.   (New)   The database of claim 15, wherein the mark-up language is in an XML format.

29.   (New)   The method of claim 17, wherein the mark-up language format data includes a GUI element, the method further including:

from the GUI element, generating a graphical representation depicting a control device for the specified apparatus.

30.   (New)   The method of claim 18, wherein the mark-up language format codes include a third set including a GUI element which represent a graphical representation of a remote controller for the CE equipment which is to be controlled, the graphical representation being displayed on a touch screen such that
5   the user can select among the control codes by touching the touch screen.